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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10782678
Filing Date	2004-02-19
First Named Inventor	Daniel J. Zigmond
Art Unit	3621
Examiner Name	CHARLES C AGWUMEZIE
Attorney Docket Number	MS1-1638US

**U.S. PATENTS**

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	5893620		1999-04-13	Shaheen, ; et al.	
	2	6052735		2000-04-18	Ulrich, ; et al.	
	3	6324544		2001-11-27	Alam, ; et al.	
	4	6363434		2002-05-21	Huang, ; et al.	
	5	6493758		2002-12-10	McLain	
	6	6407680		2002-06-18	Lai et al.	
	7	6463445		2002-10-08	Suzuki et al.	
	8	6772340		2004-08-03	Peinado et al.	

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9	6775655		2004-08-10	Peinado et al.	
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## **U.S. PATENT APPLICATION PUBLICATIONS**

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	1	20030028543		2003-02-06	Jabri	
	2	20030126608		2003-07-03	Safadi et al.	
	3	20040193648		2004-09-30	Lai et al.	
	4	2004019975		2004-10-07	Zhu et al.	

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## **FOREIGN PATENT DOCUMENTS**

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	1	WO0228008	WO		2002-04-04	Int'l. Business Machines Corp.		<input type="checkbox"/>
	2	WO03034313	WO		2003-04-24	Macrovision Corporation		<input type="checkbox"/>

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3	WO03058508	WO		2003-07-17	General Instrument Corporation	<input type="checkbox"/>
4	WO2004102459	WO		2004-11-25	Nokia Corporation	<input type="checkbox"/>

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## NON-PATENT LITERATURE DOCUMENTS

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	1	Bagwell, "SoX - Sound eXchange", 12-12-03 available at << <a href="http://web.archive.org/web/20031212170807/http://sox.sourceforge.net">http://web.archive.org/web/20031212170807/http://sox.sourceforge.net</a> >>, retrieved on 8-16-04, 2 pages.	<input type="checkbox"/>
	2	Britton, "Transcoding: Extending E-Business to New Environments", IBM Systems Journal, 2001, Vol. 40, No. 1, pp. 153-178.	<input type="checkbox"/>
	3	Chandra, et al., "Application-Level Differentiated Multimedia Web Services Using Quality Aware Transcoding", IEEE Journal on Selected Areas of Communications, 12/2000, Vol. 18, No. 12, pp.2544-2564.	<input type="checkbox"/>
	4	Chen, "An Adaptive Web Content Delivery System", 05-21-00 available at << <a href="http://research.microsoft.com/asia/download_files/g-mcomputing/MediaCom2v5.pdf">http://research.microsoft.com/asia/download_files/g-mcomputing/MediaCom2v5.pdf</a> >>, retrieved 8-20-04, 2 pages.	<input type="checkbox"/>
	5	Chen, et al., "Mobile EE-an Enterprise Mobile Service Platform", Wireless Networks, 2003, Vol. 9, No. 4, pp. 283-297.	<input type="checkbox"/>
	6	Chi-Hung, et al., "Pervasive Web Content Delivery with Efficient Data Reuse", 08-01-02, available at << <a href="http://2002.lwcc.org/papers/18500120.pdf">http://2002.lwcc.org/papers/18500120.pdf</a> >>, retrieved on 8-16-04, 16 pages.	<input type="checkbox"/>
	7	"Contents Transcoding Technology is Now Spotlghted as 'Lubricant' for Online Digital Distribution", Nikkei Electronics, Vol. 775, 07/21/2000, pp. 57-62.	<input type="checkbox"/>

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Application Number	10782576
Filing Date	2004-02-19
First Named Inventor	Daniel J. Zigmund
Art Unit	3621
Examiner Name	CHARLES C AGWUMEZIE
Attorney Docket Number	MS1-183BUS

8	DRM Watch Staff, "Microsoft Extends Windows Media DRM to Non-Windows Devices," DRM Watch, May 7, 2004, 2 pages.	<input type="checkbox"/>
9	Huang, et al., "A Frame-Based MPEG Characteristics Extraction Tool and Its Application in Video Transcoding", IEEE Transaction on Consumer Electronics, 8/2002, Vol. 48, No. 3, pp. 522-532.	<input type="checkbox"/>
10	Ihde, et al., "Intermediary-based Transcoding Framework," available at << <a href="http://www6.org/final-posters/63/poster64.html">http://www6.org/final-posters/63/poster64.html</a> >>, printed 4/18/2005, 3 pages.	<input type="checkbox"/>
11	Kassler et al., "Generic QoS Aware Media Stream Transcoding and Adaptation," Dept. of Distributed Systems, University of Ulm, Germany, printed 4/18/2005, 10 pages.	<input type="checkbox"/>
12	LEE, et al., "Data Synchronization Protocol in Mobile Computing Environment Using SyncML", HSNMC 2002 5th IEEE International Conference on High Speed Networks and Multimedia Communications, 2002, pp. 133-137.	<input type="checkbox"/>
13	Lee, et al., "Gamma: A Content-Adaptation Server for Wireless Multimedia Applications," Bell Laboratories, Holmdel, NJ USA, printed 4/18/2005, pp. 1-36.	<input type="checkbox"/>
14	Lai, et al., "Context-Based Media Adaptation in Pervasive Computing," available at << <a href="http://www.mcrlab.uotawa.ca/papers/Ryan_papar.pdf">http://www.mcrlab.uotawa.ca/papers/Ryan_papar.pdf</a> >>, 05/31/01, retrieved on 8-19-04, 7 pages.	<input type="checkbox"/>
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17	Ripps, "The Multitasking Mindset Meets the Operating System", EDN Electrical Design News Cahners Publishing Co. Newton Massachusetts, vol. 35, no. 20, 10/01/90, accessed 04/18/05, 2 pages.	<input type="checkbox"/>
18	Shaha, et al., "Multimedia Content Adaptation for QoS Management over Heterogeneous Networks", Department of Electrical and Computer Engineering, Rutgers University, 05-11-01, retrieved 8-18-04, 7 pages.	<input type="checkbox"/>

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19	Shen, et al., "Caching Strategies in Transcoding-enabled Proxy Systems for Streaming Media Distribution Networks", 12-10-03 available at << <a href="http://www.hpl.hp.com/techreports/2003/HPL-2003-261.pdf">http://www.hpl.hp.com/techreports/2003/HPL-2003-261.pdf</a> >>, retrieved on 8-19-04, 10 pages.	<input type="checkbox"/>
20	SINGH, "PTC: Proxies that Transcode and Cache in Heterogeneous Web Client Environments", Proceedings of the Third International Conference on Web Information Systems, 2002, pp. 11-20.	<input type="checkbox"/>
21	"Transcode", 11-28-02 available at << <a href="http://www.theorie.physik.uni-goettingen.de/jostreich/transcode/html/intro.html">http://www.theorie.physik.uni-goettingen.de/jostreich/transcode/html/intro.html</a> >>, retrieved 8-19-04, 2 pages.	<input type="checkbox"/>

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Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

- ☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).


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- ☐ See attached certification statement.
- ☒ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
- ☐ None

**SIGNATURE**

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature		Date (YYYY-MM-DD)	2006-6-9
Name/Print	William J. Breen, III	Registration Number	45313

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